

CALL FOR PAPERS

The 3rd International Conference on Biological Research and Applied Sciences (IBRAS) organized by Jinnah University for Women, Karachi, Pakistan is scheduled to be held from January 17 – 19, 2023. IBRAS is the prime annual event in the disciplines of Biological, Chemical and Physical Sciences having different technical tracks in all fields of Botany, Biochemistry, Biotechnology, Chemistry, Computer Science, Food Science, Microbiology and Zoology. This three-day international conference caters to research scientist, scholars and practitioners providing a forum to exchange ideas and experiences between academia and industry. The conference will be held in hybrid mode, that is both online and on-campus, to facilitate the researchers and to ensure maximum participation. The 1st and 2nd Conferences of this series were held in 2021 and 2022 with an average participation of 2000 delegates, an excellent lineup of international keynote speakers and 100+ oral presentations. Conference proceedings and glimpses are available at the website <https://ibras.juw.edu.pk/>.

CONFERENCE DATES: JANUARY 17-19, 2023

IBRAS-2023 will provide a premier interdisciplinary platform for researchers to present and discuss the most recent innovations, trends and practical challenges in the form of oral and/or poster presentation. Unpublished theoretical, empirical and scientific papers are solicited in the form of extended abstract on all topics related to Biological and Applied Sciences, including, but not limited to:

RECENT ADVANCES IN BIOTECHNOLOGY

Business Applications of Biotechnology Products, Animal & Plant Tissue Culture, Agriculture and Environmental Biotechnology, Industrial Biotechnology, Biotechnology in Food & Aqua culture, Bioinformatics & Proteomics, Medical Biotechnology, Biochemical Engineering.

Email: ibras-bth@juw.edu.pk

RESEARCH PROGRESS IN MEDICAL AND INDUSTRIAL BIOCHEMISTRY

Clinical Biochemistry, Industrial Biochemistry, Molecular and Structural Biochemistry, Neurochemistry, Nutritional Biochemistry, Analytical Biochemistry, Enzymology, Environmental Biochemistry, Bioinformatics, Biomaterials and Nanotechnology.

Email: ibras-bic@juw.edu.pk

CONTEMPORARY RESEARCH IN MICROBIOLOGY AND IMMUNOLOGY

Microbial Pathogenesis and Host Response, Trends in Antimicrobial Resistance, Biosafety and Biosecurity, Food Safety and Quality Assurance, Computational Biology, Immunology.

Email: ibras-mic@juw.edu.pk

INNOVATIONS IN CHEMISTRY

Natural Product Chemistry and Synthesis, Medicinal Chemistry, Computational Chemistry, Trends in Analytical Chemistry, Environmental and Green Chemistry, Water Treatment & Solid Waste Management, Material & Polymer Chemistry, Recent Advancements in Thermodynamics, Industrial Chemistry, Applications of Nanochemistry, Chemical Aspects of Biotechnology.

Email: ibras-chem@juw.edu.pk

EMERGING TRENDS IN COMPUTING

Data Science, Blockchain Technology, Smart Cities, Human-centered Computing, Computer Vision, Augmented Reality, Natural Language Processing, Deep Learning, Cyber-physical Systems.

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SUSTAINABLE USE OF BIORESOURCES IN GREEN ECONOMY

Organic Farming, Biofertilizer, Biodiversity & Systematics, Plant Pathology, Phycology, Eco-Physiology, Plant Stress Physiology, Floriculture, Importance of Flora in Climate Change, Plant Systematic and Taxonomy, Chemical and Medicinal aspects of Plants, Conservation of Green Resources.

Email: ibras-bot@juw.edu.pk

RECENT ADVANCES IN FOOD SCIENCE AND TECHNOLOGY

Food Safety and Quality, Food Systems Development, Emerging Technologies in Food Processing, Novel Functional and Nutraceutical Products, Recent Trends in Nutritional Sciences, Modern Analytical Tools in Food Analysis, Community Nutrition and Public Health, Food Systems Development, Food Laws and Regulations.

Email: ibras-fst@juw.edu.pk

ZOOLOGY: EXPAND THE VISION

Marine Biology, Entomology, Fresh water Biology, Wild Life, Aquaculture and Fisheries, Cell Biology & Genetics, Molecular Biology, Parasitology, Physiology, Hematology, Toxicology, Ecology, Environmental Biology, Human and Animal Diseases, Palaeontology, Biodiversity, Public Health & Management.

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SUBMISSION DEADLINE

~~October 15, 2022~~

EXTENDED DEADLINE

November 15, 2022

ACCEPTANCE NOTIFICATION

December 10, 2022

Extended abstract of 2-3 pages (800-1200 words) in length excluding references (4-6) can be submitted. All abstracts received will be reviewed on the basis of scientific merit, novelty, and practical application. Due to the limited slots available, only the best abstracts will be selected. The abstracts will be published online as an abstract book with DOI numbers.

For further details and extended abstract submission, please visit: <http://ibras.juw.edu.pk>

Author Registration Fee

	Local	International
Student	PKR 1000	\$ 50
Faculty Member/ Industry Professionals	PKR 2000	\$ 50

Conference Secretariat

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